|  | Index of Claims |          |           |           |          |          |          |         |                    |           |                             |          |          | Application No. |               |             |           |              |              |                |      |          |            |          | Applicant(s)        |     |         |              |           |          |          |  |
|--|-----------------|----------|-----------|-----------|----------|----------|----------|---------|--------------------|-----------|-----------------------------|----------|----------|-----------------|---------------|-------------|-----------|--------------|--------------|----------------|------|----------|------------|----------|---------------------|-----|---------|--------------|-----------|----------|----------|--|
|  |                 |          |           |           |          |          |          |         |                    |           |                             |          |          | 10/029,861      |               |             |           |              |              |                |      |          |            |          | OHTA ET AL.         |     |         |              |           |          |          |  |
|  |                 |          |           |           |          |          |          |         |                    |           |                             |          |          |                 | Examiner      |             |           |              |              |                |      |          |            |          | Art Unit            |     |         |              |           | 1        |          |  |
|  |                 |          |           |           |          |          |          |         |                    |           |                             |          |          |                 |               |             |           |              |              |                |      |          |            |          |                     |     |         |              |           |          |          |  |
|  | [               |          |           |           |          |          |          |         |                    |           |                             |          |          |                 | Kevin Parton  |             |           |              |              |                |      |          |            |          | 2153                |     |         |              |           |          |          |  |
|  |                 |          |           |           |          |          |          |         |                    |           |                             |          |          |                 |               | <del></del> | Ť         |              | <u> </u>     |                |      |          |            |          |                     |     |         |              |           | .1       |          |  |
|  |                 |          | <b>4</b>  | Rejected  |          |          | d        |         |                    |           | (Through numer<br>Cancelled |          |          |                 | al)           |             |           | N Non-El     |              |                | lect | ected    |            | A        | Appeal              |     |         |              |           |          |          |  |
|  |                 |          | =         | Allowed   |          |          | 1        | ÷       |                    |           | Restricted                  |          |          |                 |               |             |           | 1            | Interference |                |      | 0        | Objected   |          |                     |     |         |              |           |          |          |  |
|  |                 |          | <u> </u>  |           |          |          | J        |         |                    |           | · <u> </u>                  |          |          |                 | 1             |             |           |              |              |                |      |          |            |          |                     |     |         |              |           |          |          |  |
|  | Cla             | aim      |           | Date      |          |          | ate      | 9       |                    |           | Claim                       |          | Π        |                 |               | Date        |           |              |              |                | ] [  |          | Claim      |          | Date                |     |         |              |           |          |          |  |
|  |                 | _        |           | $\Box$    |          |          |          | Т       |                    |           |                             | <u></u>  |          |                 |               |             | Τ         |              |              | П              |      |          | a          |          |                     |     |         |              |           |          |          |  |
|  | Final           | Original | 3/16/05   |           |          |          |          |         |                    |           | Final                       | Original |          |                 |               |             |           | ŀ            |              |                |      | Final    | Original   |          |                     |     |         | 1            |           |          |          |  |
|  | -               | 1        | 1         | $\dashv$  | $\dashv$ | $\dashv$ | +        | +       | +                  | Н         |                             | 51       | +        | H               | +             | _           | +         | +            | +            | $\vdash$       | 1 1  |          | 101        | H        | $\dashv$            | 十   | +-      | T            | H         |          | 1        |  |
|  |                 | 2        | 1         | $\neg$    | 十        | $\dashv$ | $\top$   | ╅       | 1                  | Ħ         |                             | 52       |          |                 |               | _           | +         | T            | T            |                | 1    |          | 102        |          |                     |     |         |              |           |          | ]        |  |
|  |                 | 3        | 1         |           |          |          |          |         | T                  |           |                             | 53       |          |                 |               |             | Ι         | $oxed{\Box}$ | $oxed{\Box}$ |                | ]    |          | 103        |          |                     |     |         |              |           |          | ]        |  |
|  |                 | 4        | 1         |           |          |          | $\perp$  |         |                    |           |                             | 54       |          |                 | _             | _ _         |           | ┸            | $\perp$      | _              | ]    | L_       | 104        | <u> </u> |                     | _   | _       | ↓            | $\sqcup$  |          | 4        |  |
|  |                 | 5        | 1         |           |          | _        | 4        |         | ↓                  | Щ         |                             | 55       | <u> </u> | Ш               | _             | _           | 4         | _            | 1            | ↓_             |      | <u> </u> | 105        | _        | $\dashv$            | -   |         | +-           | $\vdash$  |          | 4        |  |
|  | ļ               | 6        | 1         | $\sqcup$  | 4        | -        | 4        | 4       | +-                 | $\square$ | -                           | 56<br>57 | -        | $\vdash$        |               | -           | +         | -            | +-           | +              | 1    | <u> </u> | 106<br>107 | ├        | -                   | - - | +-      | +            | $\vdash$  | -        | 4        |  |
|  |                 | 8        | 1         |           | $\dashv$ | $\dashv$ | +        | -       | +                  | H         | -                           | 58       | ╁╌       | ┝╼┤             | $\dashv$      | $\dashv$    | +         | ╬            | ╁            | ╁              | 1    | ┝        | 108        | $\vdash$ | -+                  |     | ╁       | ╁            | $\vdash$  |          | 1        |  |
|  | -               | 9        | 1         | Н         | $\dashv$ | -+       | +        | +       | +                  | $\vdash$  | -                           | 59       | +        | Н               | $\dashv$      | +           | +         | +            | +            | ╁              | 1    |          | 109        | +-       | $\dashv$            | +   | +-      | +-           | $\Box$    | $\dashv$ | 1        |  |
|  |                 | 10       | 1         | H         | 十        | _        | $\dashv$ | $\top$  | _                  | $\vdash$  |                             | 60       | 1        |                 | 1             |             | Ť         | Ť            | 1            | $\top$         | 1    |          | 110        |          |                     | 1   |         |              |           |          | ]        |  |
|  |                 | 11       |           |           |          |          |          | T       | 1                  |           |                             | 61       |          |                 |               |             |           |              |              |                | ]    |          | 111        |          |                     |     |         |              |           |          |          |  |
|  |                 | 12       |           |           |          |          |          | $\perp$ |                    |           |                             | 62       |          | Ŀ               |               |             | $\perp$   | _            | 1            | _              | 1    | _        | 112        | <u> </u> | Ш                   | _   | $\perp$ | _            | 1         | _        | 4        |  |
|  |                 | 13       | L         | Щ         | _        | _        | _        | _       | ┷                  | <u> </u>  |                             | 63       | ↓_       |                 |               | _           | Ļ         | 4            | -            | <del> </del> - | 4    | <u> </u> | 113        | +        | $\vdash$            |     | - -     | -            | $\vdash$  | -        | -        |  |
|  | <u> </u>        | 14       | -         | Ш         | -4       | _        | _        |         | +                  | -         | -                           | 64<br>65 | +        | Н               |               |             | +         | +            | +            | ┿              | ┨    | _        | 114<br>115 | $\vdash$ | $\vdash$            |     | +       | +            | $\vdash$  |          | -        |  |
|  |                 | 15<br>16 | -         | $\vdash$  |          | $\dashv$ | -        | +       | ╬                  | H         |                             | 66       | +        | $\vdash$        |               | +           | +         | ╁            | ╁╌           | ╫              | ┨ .  | ┝        | 116        | ╁        | -                   | +   | +       | +            | ╁╾╅       | $\dashv$ | ╡        |  |
|  |                 | 17       | $\vdash$  | -         | $\dashv$ | +        | +        | +       | ╁                  | H         | -                           | 67       | +        | -               | $\dashv$      | $\dashv$    | ╁         | ╅            | +            | ╁              | 1    | ┢        | 117        | $\vdash$ | $\vdash$            |     | +-      | +            | $\dagger$ | $\dashv$ | 1        |  |
|  |                 | 18       | $\vdash$  | H         | 一十       | -        | $\dashv$ | +       | +                  | H         |                             | 68       | T        | Н               |               | $\top$      | $\dagger$ | $\top$       | $\dagger$    | +              | 1 .  |          | 118        | T        |                     |     | $\top$  | 十            | $\Box$    |          | 1        |  |
|  |                 | 19       | $\vdash$  |           | 寸        |          | $\dashv$ |         | 1                  | П         |                             | 69       | T        | $\Box$          |               |             |           | $\top$       |              |                | 1    |          | 119        |          |                     |     |         |              |           |          | 1        |  |
|  |                 | 20       |           |           |          |          |          | į.      |                    |           |                             | 70       |          |                 |               |             |           |              |              |                | ] .  |          | 120        |          |                     | _   | $\perp$ | <u> </u>     | $\perp$   |          | _        |  |
|  |                 | 21       |           |           |          |          |          |         |                    |           | <u> </u>                    | 71       | 1        | Ш               |               | _           | 4         | _            | _            | ╄-             |      | <u> </u> | 121        | ↓_       | Ш                   | 4   | $\perp$ | 1            | $\vdash$  |          | 4        |  |
|  |                 | 22       | 辶         |           | $\perp$  | _        | 4        | 4       | ļ                  | 1         | <u> </u>                    | 72       | $\bot$   | Ш               | $\Box$        | $\dashv$    | _         | _            | -            | 1              | -    | ╙        | 122        |          | -                   | +   | +       | -            | +         | +        | -        |  |
|  | _               | 23       | ╀         | $\square$ |          | -        | 4        | -       | +                  | H         | $\vdash$                    | 73       | +-       | Н               | $\dashv$      | $\dashv$    | +         |              | +-           | +              | ٠.   | ⊢        | 123<br>124 |          | $\vdash$            | +   | ╫       | +-           | H         |          | ┥        |  |
|  |                 | 24<br>25 | ╀         | $\vdash$  |          | $\dashv$ | +        | +       | +                  | ₩         | -                           | 74<br>75 |          | Н               | $\dashv$      | +           | ┿         | $\dashv$     | -            | +              | - ·  | <u> </u> | 125        |          | $\vdash$            | +   | ╁       | ╁            | $\vdash$  | -        | ┪        |  |
|  | -               | 26       | +         | $\vdash$  | $\dashv$ | -        | +        | +       | ╁                  | ┤ .       |                             | 76       |          | Н               |               | $\dashv$    | ┿         | $\dashv$     | +            | +              | ┪    | $\vdash$ | 126        |          | $\vdash$            | +   | +       | +            | $\vdash$  | $\dashv$ | ┪        |  |
|  | -               | 27       | +         | Н         | _        | $\dashv$ | $\dashv$ | ╅       | +                  | H         | -                           | 77       | +        |                 |               | $\dashv$    | Ť         | $\dashv$     | +            | T              | ۱.,  |          | 127        |          |                     |     |         | $\dagger$    | $\Box$    | 十        | 1        |  |
|  |                 | 28       | T         | Н         | -        | $\dashv$ |          | _       | +                  | П         |                             | 78       |          |                 |               |             | ╛         | ╛            | 1            |                | ]    |          | 128        |          |                     |     |         | $oxed{\Box}$ |           |          | ]        |  |
|  |                 | 29       |           |           |          |          | 丁        |         |                    |           |                             | 79       | i        |                 |               |             |           |              |              | Π              |      |          | 129        |          |                     |     |         |              | Ш         |          | _        |  |
|  |                 | 30       |           |           |          |          | $\Box$   | $\perp$ | $oldsymbol{\perp}$ |           |                             | 80       |          | $\Box$          |               | $\perp$     | $\perp$   |              |              | L              | 1.   | L        | 130        |          | $\sqcup$            |     |         | _            | $\sqcup$  | _        | 4        |  |
|  |                 | 31       | $\perp$   |           |          | _[       | _        | 4       | 4.                 | $\sqcup$  | <u></u>                     | 81       |          | Ш               | $\sqcup$      | _           | 4         | _            | 4-           | +              | 4    | $\vdash$ | 131        | $\vdash$ | $\vdash \downarrow$ | +   | +       | +            | +         | $\dashv$ | -        |  |
|  |                 | 32       | ļ         | Н         | $\dashv$ | _        | -        | -       | 4                  | $\vdash$  | $\vdash$                    | 82       |          | H               | Н             | +           | +         | +            | +            | +              | -    | -        | 132<br>133 |          | ┥                   | +   | +       | +-           | +         |          | -        |  |
|  | -               | 33<br>34 | +         | $\vdash$  | $\dashv$ |          | $\dashv$ | +       | +                  | $\vdash$  | -                           | 83<br>84 |          | H               | Н             | +           | +         | +            | +            | +              | 1    | -        | 133        |          | $\vdash$            | +   | +       | +            | +         | +        | $\dashv$ |  |
|  |                 | 35       | +         | -         | $\dashv$ | -        | +        | +       | +                  | H         | $\vdash$                    | 85       |          | $\vdash$        | $\vdash$      | -           | +         | +            | +            | +              | 1    | H        | 135        |          | $\vdash$            | +   |         | +            | $\Box$    | $\dashv$ | 1        |  |
|  | -               | 36       | $\dagger$ | $\vdash$  |          | _        | $\dashv$ | 十       | +                  | H         |                             | 86       |          | $\vdash$        | Н             | +           | $\top$    | _            | +            | †              | 1    |          | 136        |          |                     | 丁   |         | T            |           |          |          |  |
|  |                 |          |           |           |          |          |          |         |                    |           |                             |          |          |                 | $\rightarrow$ | -           | -         |              | _            |                |      | _        | 40-        | _        |                     |     |         |              | _         |          | _        |  |